

STIC Database Tracking Number: 280044

To: Ms. Marissa Liu
Location: KNX 05 A40
Art Unit: 3694
Date: 06/05/2009
Case Serial Number: 10/820071

From: Aaron Gitzen
Location: EIC3600
KNX 05 A40
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Search Notes

Dear Examiner Liu:

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog, Lexis and ProQuest.

References of interest are listed in the first part of the search results. Please scan through the remaining results for other possible references of interest.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

Aaron Gitzen.

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B.	Additional Resources Searched.....	5
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I. References of Interest

A. Dialog

Dialog eLink: Order File History

17/3,K/11 (Item 11 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0005157877 *Drawing available*

WPI Acc no: 1990-147624/199019

XRPX Acc No: N1990-114378

Financial data processor with distributed data input - transmits input data to mini-computers for file updating and data processing in high-speed batch mode

Patent Assignee: CHRYSLER FIRST INFO (CHRY-N); CHRYSLER FIRST INFORMATION TECHNOLOGIES (CHRY)

Inventor: CLOUSE L R

Patent Family (2 patents, 2 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 4914587	A	19900403	US 1985750912	A	19850701	199019	B
			US 198783845	A	19870807		
CA 1311732	C	19921222	CA 573961	A	19880805	199305	E

Priority Applications (no., kind, date): US 198783845 A 19870807

...transmits input data to mini-computers for file updating and data processing in high-speed batch mode Alerting Abstract ...high speed entry of data utilizing optical character readers which are utilised to scan customer **statements** containing pre-**printed financial data** in a **format** and type recognizable by the optical character reader. The system provides for a number of... **Class Codes**

International Patent Classification IPC Class Level Scope Position Status Version Date **G06F-015/30**

Main **G06Q-0040/00...** **G06Q-0040/00...** Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**high speed entry of data utilizing optical character readers which are utilized to scan customer **statements** containing pre-**printed financial data** in a **format** and type recognizable by the optical character reader. The system provides for plural terminals at...

Dialog eLink: Order File History
 17/3,K/12 (Item 12 from file: 350)
 DIALOG(R)File 350: Derwent WPIX
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0004181046

WPI Acc no: 1987-293121/198742

Postage meter with postage costs accounting system - has processor responsive to program data to enable selected account records to be edited while providing data security

Patent Assignee: MAMONE J R (MAMO-I); PITNEY BOWES INC (PITB)

Inventor: CHENG C; DANIELS E P; HUTCHESON N C; MALLOZZI J D; MAMONE J R

Patent Family (5 patents, 6 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 241598	A	19871021	EP 1986118033	A	19861224	198742	B
US 4958291	A	19900918	US 1985813457	A	19851226	199040	E
CA 1279931	C	19910205				199111	E
EP 241598	B	19910904	EP 1986118033	A	19861224	199136	E
DE 3681280	G	19911010				199142	E

Priority Applications (no., kind, date): US 1985813457 A 19851226

...has processor responsive to program data to enable selected account records to be edited while providing data security Alerting Abstract ...a keyboard for operator entry of commands and information. A memory stores program data and **account records**. A unit interfaces with a postage meter, and a processor is connected to the keyboard... ..a) responding the entry of an item of the postal information corresp. to a particular **batch** of mail. The **processor** transmits signals through the interface to set the postage meter, and responding to signals received through the interface specifying postage expended to **update account records**. The processor responds to the entry of an **edit** command to edit a selected **account record** by first setting a flag in the memory to indicate that the selected account is ...
Equivalent Alerting Abstract ...and display for entry of commands and postal information, a printer, a memory for storing **account records** and program data, the memory further including a non-volatile memory for storing **account records** and other data, an interface to an electronic postage meter, and a processor including a... ..postal information to set the meter and then responds to signals from the meter to **update** account records. The processor may also edit selected **account records** in accordance with entered information...
Technology Focus Class Codes International Patent Classification IPC Class Level Scope Position Status Version Date **G06F-0021/00**... ..**G06Q-0050/00** **G06F-0021/00**... ..**G06Q-0050/00** Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**for entry of commands and postal information, a printer (18), a memory (14) for storing **account records** and program data, the memory further including a non-volatile memory (14b) for storing **account records** and other data, an interface (22) to an electronic postage meter (30), and a processor... .. information to set the meter and then responds to signals from the meter (30) to **update account records**. The processor may also edit selected **account records** in accordance with entered information. in one disclosed embodiment the system (10) responds to an... .. to power failures or transients while

accounts are being processed. In another disclosed embodiment a **record of edited accounts** is maintained by the system (10) to allow a service technician to detect unauthorized editing... .. and display for entry of commands and postal information, a printer, a memory for storing **account records** and program data, the memory further including a non-volatile memory for storing **account records** and other data, an interface to an electronic postage meter, and a processor including a... .. postal information to set the meter and then responds to signals from the meter to **update account records**. The processor may also edit selected **account records** in accordance with entered information. In one disclosed embodiment the system responds to an operator... .. to power failures or transients while accounts are being processed. In another disclosed embodiment a **record of edited accounts** is maintained by the system to allow a service technician to detect unauthorized editing of... ..**Claims:**a keyboard for operator entry of commands and information. A memory stores program data and **account records**. A unit interfaces with a postage meter, and a processor is connected to the keyboard... .. a) responding the entry of an item of the postal information corresp. to a particular **batch** of mail. The **processor** transmits signals through the interface to set the postage meter, and responding to signals received through the interface specifying postage expended to **update account records**. The processor responds to the entry of an **edit** command to edit a selected **account record** by first setting a flag in the memory to indicate that the selected account is... .. information including account numbers; b) a memory (14; 14a; 14c) for storing program data and **account records**, said **account records** each corresponding to one of said account numbers, said memory (14) further comprising a non-volatile memory (14b) for storing said **account records**; c) interface means (22) for interfacing to said postage meter (30); d) processing means (12... .. meter (30), and responding to signals received through said interface (22) specifying postage expended to **update** one of said **account records** corresponding to one of said account numbers specified by said item; characterized by d2) responding to the entry of an **edit** command to edit a selected one of said **account records** by, first setting a flag in said non-volatile memory (14b) to indicate that said selected **account record** is being edited, then creating a second copy of said selected **account record** in a pre-selected portion of said non-volatile memory (14b), then receiving editing information through said data entry means (16) and **updating** said selected **account record** in accordance with said **editing** data, and then resetting said flag.

B. Additional Resources Searched

II. Inventor Search Results from Dialog

File 20:Dialog Global Reporter 1997-2009/Jun 05
(c) 2009 Dialog
File 15:ABI/Inform(R) 1971-2009/Jun 04
(c) 2009 ProQuest Info&Learning
File 610:Business Wire 1999-2009/Jun 05
(c) 2009 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 613:PR Newswire 1999-2009/Jun 05
(c) 2009 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 634:San Jose Mercury Jun 1985-2009/Jun 04
(c) 2009 San Jose Mercury News
File 624:McGraw-Hill Publications 1985-2009/Jun 05
(c) 2009 McGraw-Hill Co. Inc
File 9:Business & Industry(R) Jul/1994-2009/Jun 04
(c) 2009 Gale/Cengage
File 275:Gale Group Computer DB(TM) 1983-2009/May 08
(c) 2009 Gale/Cengage
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Apr 30
(c) 2009 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2009/May 14
(c) 2009 Gale/Cengage
File 16:Gale Group PROMT(R) 1990-2009/May 14
(c) 2009 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2009/May 21
(c) 2009 Gale/Cengage
File 625:American Banker Publications 1981-2008/Jun 26
(c) 2008 American Banker
File 268:Banking Info Source 1981-2009/May W5
(c) 2009 ProQuest Info&Learning
File 626:Bond Buyer Full Text 1981-2008/Jul 07
(c) 2008 Bond Buyer
File 267:Finance & Banking Newsletters 2008/Sep 29
(c) 2008 Dialog
File 608:MCT Information Svc. 1992-2009/Jun 05
(c) 2009 MCT Information Svc.
File 647:UBM Computer Fulltext 1988-2009/May W5
(c) 2009 UBM, LLC

Set	Items	Description
S1	9301	AU=(KING, A? OR KING A? OR KING(2N)A?)
S2	30	AU=(KRUEGER, S? OR KRUEGER S? OR KRUEGER(2N)S?)
S3	3294	AU=(SIMPSON, R? OR SIMPSON R? OR SIMPSON(2N)R?)
S4	238	AU=(COREY, D? OR COREY D? OR COREY(2N)D?)
S5	0	S1 AND S2 AND S3 AND S4

File 2:INSPEC 1898-2009/May W5
(c) 2009 The IET
File 35:Dissertation Abs Online 1861-2009/May
(c) 2009 ProQuest Info&Learning
File 65:Inside Conferences 1993-2009/Jun 05
(c) 2009 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2009/May
(c) 2009 The HW Wilson Co.
File 474:New York Times Abs 1969-2009/Jun 05
(c) 2009 The New York Times
File 475:Wall Street Journal Abs 1973-2009/Jun 05
(c) 2009 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 Gale/Cengage
File 256:TecInfoSource82-2009/May
(c) 2009Info.SourcesInc.All rights reserved
File 23:CSA Technology Research Database 1963-2009/Jun
(c) 2009 CSA.
File 139:EconLit 1969-2009/May
(c) 2009 American Economic Association
File 485:Accounting & Tax DB 1971-2009/May W5
(c) 2009 ProQuest Info&Learning
File 8:EI Compendex(R) 1884-2009/May W4
(c) 2009 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2009/May W5
(c) 2009 The Thomson Corp
File 144:Pascal 1973-2009/May W5
(c) 2009 INIST/CNRS
File 103:Energy SciTec 1974-2009/May B2
(c) 2009 Contains copyrighted material
File 95:TEME-Technology & Management 1989-2009/May W2
(c) 2009 FIZ TECHNIK
File 6:NTIS 1964-2009/Jun W1
(c) 2009 NTIS, Intl Cpyrght All Rights Res

Set	Items	Description
S1	10697	AU=(KING, A? OR KING A? OR KING(2N)A?)
S2	1713	AU=(KRUEGER, S? OR KRUEGER S? OR KRUEGER(2N)S?)
S3	7600	AU=(SIMPSON, R? OR SIMPSON R? OR SIMPSON(2N)R?)
S4	546	AU=(COREY, D? OR COREY D? OR COREY(2N)D?)
S5	0	S1 AND S2 AND S3 AND S4

File 348:EUROPEAN PATENTS 1978-200923
(c) 2009 European Patent Office
File 349:PCT FULLTEXT 1979-2009/UB=20090528|UT=20090521
(c) 2009 WIPO/Thomson
File 324:GERMAN PATENTS FULLTEXT 1967-200922
(c) 2009 UNIVENTIO/THOMSON

Set	Items	Description
S1	584	AU=(KING, A? OR KING A? OR KING(2N)A?)
S2	129	AU=(KRUEGER, S? OR KRUEGER S? OR KRUEGER(2N)S?)
S3	548	AU=(SIMPSON, R? OR SIMPSON R? OR SIMPSON(2N)R?)
S4	92	AU=(COREY, D? OR COREY D? OR COREY(2N)D?)
S5	0	S1 AND S2 AND S3 AND S4

File 350:Derwent WPIX 1963-2009/UD=200934
(c) 2009 Thomson Reuters
File 347:JAPIO Dec 1976-2009/Jan(Updated 090503)
(c) 2009 JPO & JAPIO
File 344:Chinese Patents Abs Jan 1985-2006/Jan
(c) 2006 European Patent Office

Set	Items	Description
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S1 353 AU=(KING, A? OR KING A? OR KING(2N)A?)
S2 204 AU=(KRUEGER, S? OR KRUEGER S? OR KRUEGER(2N)S?)
S3 674 AU=(SIMPSON, R? OR SIMPSON R? OR SIMPSON(2N)R?)
S4 36 AU=(COREY, D? OR COREY D? OR COREY(2N)D?)
S5 2 S1 AND S2 AND S3 AND S4

Dialog eLink: Order File History

5/TI,AU,IN,IV/2 (Item 2 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015380155

WPI Acc no: 2005-724264/

Account statement e.g. billing, generating method for financial function, involves receiving accounts, reporting formats and parameters from user to generate account statements in reporting formats

Original Titles:

Automated account statement generation process

Inventor: **COREY D T; KING A; KRUEGER S; SIMPSON R C**

Inventor name & address:

King, Alana, Champlin, MN, US, Champlin, MN, US

Krueger, Steve, St. Louis Park, MN, US, St. Louis Park, MN, US

Simpson, Robert C., Minneapolis, MN, US, Minneapolis, MN, US

Corey, Debra T., Andover, MN, US, Andover, MN, US

III. Text Search Results from Dialog

A. Patent Files, Abstract

File 350:Derwent WPIX 1963-2009/UD=200934

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File 347:JAPIO Dec 1976-2009/Jan(Updated 090503)

(c) 2009 JPO & JAPIO

File 344:Chinese Patents Abs Jan 1985-2006/Jan

(c) 2006 European Patent Office

Set	Items	Description
S1	16164	(BATCH???) (3N) (FILE? ? OR PRINT??? OR JOB OR PROCESS??? OR PROGRAM??? OR SYSTEM? ? OR TOTAL? ? OR COMMAND??? OR QUERIES OR QUERY??? OR PRIORIT??? OR SCHEDUL???)
S2	36296	(ACCOUNT??? OR MONTH?? OR QUARTER?? OR FISCAL? ? OR FINANCIAL? ? OR 10K? ? OR 10Q? ? OR BUSINESS?? OR CASH OR INCOME? ? OR INVESTMENT? ? OR BILL??? OR CHARGE? ? OR PROFIT(2N)LOSS OR BALANCE? ? OR LEDGER? ? OR ANNUAL?? OR BUDGET? ? OR CREDIT? ? OR BANK???) (3N) (STATEMENT? ? OR REPORT??? OR HISTOR??? OR RECORD? ? OR TALLY OR TALLIES OR NOTATION? ? OR SUMMAR??? OR PAPER? ? OR DOCUMENT? OR INVOICE? ? OR REGIST????)
S3	508678	(REPORT? ? OR TABLE? ? OR FILE? ? OR OUTPUT? ? OR STATEMENT? ? OR RECORD? ? OR DOCUMENT? OR CONTENT? ? OR LOGS OR LOG OR INFORMATION? OR DATA? ? OR DISCLOSURE? ? OR SUMMAR??? OR ACCOUNT???) (3N) (FORMAT??? OR STRUCTURE? ? OR SETUP? ? OR SET()UP? ? OR MODEL? ? OR FORM? ? OR ARRANGEMENT? ? OR STYLE? ? OR PATTERN? ? OR CONFIGURATION? ? OR DESIGN? ? OR APPEARANCE? ?)
S4	3654	S2(8N) (PROOF()READ??? OR UPDAT??? OR EDIT??? OR REVIEW??? OR EVALUAT??? OR EXAMIN??? OR EXAMINATION? ? OR COMPAR??? OR COMPARISON? ? OR ANALY??? OR VERIFY??? OR VERIFICATION? ? OR CORRECT???? OR INSPECT??? OR STUDY??? OR CHECK??? OR AUDIT??? OR SURVEY???)
S5	72989	S3(8N) (EDIT??? OR CHANG??? OR VARY??? OR ALTER??? OR ALTERATION? ? OR ARRANG? OR REPLAC??? OR REVIS??? OR MODIFY??? OR MODIFICATION? ? OR UP()DAT??? OR UPDAT??? OR AMEND??? OR REVISION? ? OR RE()ARRANG??? OR SUBSTITUTE??? OR MANIPULAT??? OR VARIANCE? ?)
S6	9683	S2(8N) (GENERAT??? OR PRODUC????? OR PRINT??? OR CREAT????? OR ORIGINAT??? OR CONSTRUCT????? OR DERIV??? OR DERIVATION? ? OR DEVELOP????? OR MAKE? ? OR MAKING? ? OR MADE? ? OR FORM??? OR COMPOS??? OR PREPAR???)
S7	108	S1 AND S2
S8	29	S7 AND S3
S9	26	S7 AND S4
S10	5	S7 AND S5
S11	42	S7 AND S6
S12	16	S11 AND S3
S13	48	S8 OR S9 OR S10 OR S12
S14	48	IDPAT (sorted in duplicate/non-duplicate order)
S15	47	IDPAT (primary/non-duplicate records only)
S16	34	S15 AND IC=(G06F OR G06Q)
S17	14	S16 NOT PY>2004

Dialog eLink: Order File History

17/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014531559 *Drawing available*

WPI Acc no: 2004-713510/200470

Related WPI Acc No: 1996-346468

XRPX Acc No: N2004-565899

Database update processing apparatus for financial institutions, updates data record by batch process when processing requirement message issue date is after date of record contained in antedating record

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: OZAWA M; SANEKATA H

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2004280848	A	20041007	JP 1994301177	A	19941205	200470	B
			JP 2004134381	A	20040428		

Priority Applications (no., kind, date): JP 1994301177 A 19941205; JP 2004134381 A 20040428

Database update processing apparatus for financial institutions, updates data record by batch process when processing requirement message issue date is after date of record contained in antedating record Alerting Abstract ...issue date is after the date of record, the data record is updated by a **batch process**. ...ADVANTAGE - Data records can be updated by **batch process**, without interrupting online process... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06F-012/00** Main **G06F-015/00**

B. Patent Files, Full-Text

File 348:EUROPEAN PATENTS 1978-200923

(c) 2009 European Patent Office

File 349:PCT FULLTEXT 1979-2009/UB=20090528|UT=20090521

(c) 2009 WIPO/Thomson

File 324:GERMAN PATENTS FULLTEXT 1967-200922

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Set Items Description

S1 43050 (BATCH???) (3N) (FILE? ? OR PRINT??? OR JOB OR PROCESS??? OR PROGRAM??? OR SYSTEM? ? OR TOTAL? ? OR COMMAND??? OR QUERIES OR QUERY??? OR PRIORIT??? OR SCHEDUL???)

S2 58679 (ACCOUNT??? OR MONTH?? OR QUARTER?? OR FISCAL? ? OR FINANCIAL? ? OR 10K? ? OR 10Q? ? OR BUSINESS?? OR CASH OR INCOME? ? OR INVESTMENT? ? OR BILL??? OR CHARGE? ? OR PROFIT(2N)LOSS OR BALANCE? ? OR LEDGER? ? OR ANNUAL?? OR BUDGET? ? OR CREDIT? ? OR BANK???) (3N) (STATEMENT? ? OR REPORT??? OR HISTOR??? OR RECORD? ? OR TALLY OR TALLIES OR NOTATION? ? OR SUMMAR??? OR PAPER? ? OR DOCUMENT? OR INVOICE? ? OR REGIST???)

S3 646880 (REPORT? ? OR TABLE? ? OR FILE? ? OR OUTPUT? ? OR STATEMENT? ? OR RECORD? ? OR DOCUMENT? OR CONTENT? ? OR LOGS OR LOG OR INFORMATION? OR DATA? ? OR DISCLOSURE? ? OR SUMMAR??? OR ACCOUNT???) (3N) (FORMAT??? OR STRUCTURE? ? OR SETUP? ? OR SET()UP? ? OR

MODEL? ? OR FORM? ? OR ARRANGEMENT? ? OR STYLE? ? OR PATTERN? ? OR CONFIGURATION? ? OR
DESIGN? ? OR APPEARANCE? ?)

S4 7846 S2(8N)(PROOF()READ??? OR UPDAT??? OR EDIT??? OR REVIEW??? OR EVALUAT???
OR EXAMIN??? OR EXAMINATION? ? OR COMPAR??? OR COMPARISON? ? OR ANALY??? OR VERIFY??? OR
VERIFICATION? ? OR CORRECT??? OR INSPECT??? OR STUDY??? OR CHECK??? OR AUDIT??? OR
SURVEY???)

S5 128706 S3(8N)(EDIT??? OR CHANG??? OR VARY??? OR ALTER??? OR ALTERATION? ? OR
ARRANG? OR REPLAC??? OR REVIS??? OR MODIFY??? OR MODIFICATION? ? OR UP()DAT??? OR
UPDAT??? OR AMEND??? OR REVISION? ? OR RE()ARRANG??? OR SUBSTITUTE??? OR MANIPULAT??? OR
VARIANCE? ?)

S6 15534 S2(8N)(GENERAT??? OR PRODUC????? OR PRINT??? OR CREAT???? OR ORIGINAT???
OR CONSTRUCT???? OR DERIV??? OR DERIVATION? ? OR DEVELOP????? OR MAKE? ? OR MAKING? ?
OR MADE? ? OR FORM??? OR COMPOS??? OR PREPAR???)

S7 81 S1(5N)S2

S8 111 S1(10N)S2

S9 168 S1(15N)S2

S10 15 S9(10N)S3

S11 24 S9(10N)S4

S12 5 S9(10N)S5

S13 769 (BATCH???) (3N) (FILE? ? OR PRINT??? OR PROCESS???) (3N) (EDIT??? OR CHANG???
OR UPDAT??? OR REVIS???)

S14 13 S9 (10N) S13

S15 37 S10 OR S11 OR S12 OR S14

S16 37 IDPAT (sorted in duplicate/non-duplicate order)

S17 36 IDPAT (primary/non-duplicate records only)

S18 28 S17 AND IC=(G06F OR G06Q)

S19 20 S18 NOT PY>2004

Dialog eLink: [Order File History](#)

19/3K/8 (Item 5 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00963611

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES

SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES
INTERNET POUR SERVICES DE LOCATION DE VEHICULES

Patent Applicant/Patent Assignee:

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(For all designated states except: US)
- **WEINSTOCK Timothy Robert;** 1845 Highcrest Drive, St. Charles, MO 63303
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(Designated only for: US)

- **DE VALLANCE Kimberly Ann**; 2037 Silent Spring Drive, Maryland Heights, MO 63043
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(Designated only for: US)
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- **KENNEDY Craig Stephen**; 9129 Meadowglen Lane, St. Louis, MO 63126
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(Designated only for: US)
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- **TINGLE William T**; 17368 Hilltop Ridge Drive, Eureka, MO 63025
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(Designated only for: US)

Patent Applicant/Inventor:

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(Designated only for: US)
- **DE VALLANCE Kimberly Ann**
2037 Silent Spring Drive, Maryland Heights, MO 63043; US; US(Residence); US(Nationality);
(Designated only for: US)
- **HASELHORST Randall Allan**
1016 Scenic Oats Court, Imperial, MO 63052; US; US(Residence); US(Nationality); (Designated
only for: US)
- **KENNEDY Craig Stephen**
9129 Meadowglen Lane, St. Louis, MO 63126; US; US(Residence); US(Nationality);
(Designated only for: US)
- **SMITH David Gary**
10 Venice Place Court, Wildwood, MO 63040; US; US(Residence); US(Nationality);
(Designated only for: US)
- **TINGLE William T**
17368 Hilltop Ridge Drive, Eureka, MO 63025; US; US(Residence); US(Nationality);
(Designated only for: US)
- **KLOPFENSTEIN Anita K**
433 Schwarz Road, O'Fallon, IL 62269; US; US(Residence); US(Nationality); (Designated only
for: US)

Legal Representative:

- **HAFERKAMP Richard E(et al)(agent)**

Howell & Haferkamp, L.C., Suite 1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817; US;

	Country	Number	Kind	Date
Patent	WO	200297700	A2	20021205
Application	WO	2001US51431		20011019
Priorities	US	2000694050		20001020

Detailed Description:

...read input key value.

@Notes.

This program is only executed as an ARMS never-ending **batch program** in the ARMS subsystem only on the ARMS application centralized host computer system platform. This... EFT ID NUMBER on all paid remittances.

- Validate that any Rejected Payment Remittance Advice Detail

Record Format does not have a value in the EFT ID NUMBER field.

ii. Use the retrieved AMTRN file **record's** key value's PROFILE ID and CUSTOMER TRANSACTION ID to attempt to ...Hierarchical numeric ID: 1 1 3.1

Coded name: AM0025V1

Name: PGM Validate Transaction set **Record** Formats (AM0025V1)

Comment: @Definition: This is the ARMS Tran action Set **Record Format Edit** neverending **batch** ILE RPG **program**.

@Purpose.

The program **edits** a transmission set group type to ensure that the required **formats** are present and that no, non-allowable record formats exist.

Edit errors from an inbound...

Dialog eLink: Order File History
19/3K/15 (Item 12 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT
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00467891

**SYSTEM AND METHOD FOR PROCESSING MULTIPLE FINANCIAL APPLICATIONS
USING A THREE-TIER VALUE NETWORK**
SYSTEME ET PROCEDE DE TRAITEMENT D'APPLICATIONS FINANCIERES MULTIPLES AU
MOYEN D'UN RESEAU DES VALEURS A TROIS TIERS

Patent Applicant/Patent Assignee:

- **KEILANI Badieh Z II;**
; ;

	Country	Number	Kind	Date
Patent	WO	9858356	A2	19981223
Application	WO	98US12408		19980616
Priorities	US	9749783		19970616

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Main International Patent Classes (Version 7):

Detailed Description:

...the existing and traditional financial services clients such as NACHA, SWIFT, ATM networks, POS networks, **check** service networks, credit card networks, and **credit** bureau inquiries and **reporting**. Support for many of these existing systems and traditional financial services clients will be **batch**-based **processes**. In these cases TUXEDO prioritization features will be utilized to ensure adequate throughput and performance...

IV. Text Search Results from Dialog

A. NPL Files, Abstract

File 2:INSPEC 1898-2009/May W5
(c) 2009 The IET
File 35:Dissertation Abs Online 1861-2009/May
(c) 2009 ProQuest Info&Learning
File 65:Inside Conferences 1993-2009/Jun 05
(c) 2009 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/May
(c) 2009 The HW Wilson Co.
File 474:New York Times Abs 1969-2009/Jun 05
(c) 2009 The New York Times
File 475:Wall Street Journal Abs 1973-2009/Jun 05
(c) 2009 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 Gale/Cengage
File 256:TecInfoSource82-2009/May
(c) 2009Info.SourcesInc.All rights reserved
File 23:CSA Technology Research Database 1963-2009/Jun
(c) 2009 CSA.
File 139:EconLit 1969-2009/May
(c) 2009 American Economic Association
File 485:Accounting & Tax DB 1971-2009/May W5
(c) 2009 ProQuest Info&Learning
File 8:Ei Compendex(R) 1884-2009/May W4
(c) 2009 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2009/May W5
(c) 2009 The Thomson Corp
File 144:Pascal 1973-2009/May W5
(c) 2009 INIST/CNRS
File 103:Energy SciTec 1974-2009/May B2
(c) 2009 Contains copyrighted material
File 95:TEME-Technology & Management 1989-2009/May W2
(c) 2009 FIZ TECHNIK
File 6:NTIS 1964-2009/Jun W1
(c) 2009 NTIS, Intl Cpyrght All Rights Res

Set	Items	Description
S1	70440	(BATCH???) (3N) (FILE? ? OR PRINT??? OR JOB OR PROCESS??? OR PROGRAM??? OR SYSTEM? ? OR TOTAL? ? OR COMMAND??? OR QUERIES OR QUERY??? OR PRIORIT??? OR SCHEDUL???)
S2	932263	(ACCOUNT??? OR MONTH?? OR QUARTER?? OR FISCAL? ? OR FINANCIAL? ? OR 10K? ? OR 10Q? ? OR BUSINESS?? OR CASH OR INCOME? ? OR INVESTMENT? ? OR BILL??? OR CHARGE? ? OR PROFIT(2N)LOSS OR BALANCE? ? OR LEDGER? ? OR ANNUAL?? OR BUDGET? ? OR CREDIT? ? OR BANK???) (3N) (STATEMENT? ? OR REPORT??? OR HISTOR??? OR RECORD? ? OR TALLY OR TALLIES OR NOTATION? ? OR SUMMAR??? OR PAPER? ? OR DOCUMENT? OR INVOICE? ? OR REGIST???)
S3	2356280	(REPORT? ? OR TABLE? ? OR FILE? ? OR OUTPUT? ? OR STATEMENT? ? OR RECORD? ? OR DOCUMENT? OR CONTENT? ? OR LOGS OR LOG OR INFORMATION? OR DATA? ? OR DISCLOSURE? ? OR SUMMAR??? OR ACCOUNT???) (3N) (FORMAT??? OR STRUCTURE? ? OR SETUP? ? OR SET()UP? ? OR MODEL? ? OR FORM? ? OR ARRANGEMENT? ? OR STYLE? ? OR PATTERN? ? OR CONFIGURATION? ? OR DESIGN? ? OR APPEARANCE? ?)
S4	104571	S2(8N) (PROOF()READ??? OR UPDAT??? OR EDIT??? OR REVIEW??? OR EVALUAT??? OR EXAMIN??? OR EXAMINATION? ? OR COMPAR??? OR COMPARISON? ? OR ANALY??? OR VERIFY??? OR VERIFICATION? ? OR CORRECT???? OR INSPECT??? OR STUDY??? OR CHECK??? OR AUDIT??? OR SURVEY???)

S5 103228 S3(8N)(EDIT??? OR CHANG??? OR VARY??? OR ALTER??? OR ALTERATION? ? OR
 ARRANG? OR REPLAC??? OR REVIS??? OR MODIFY??? OR MODIFICATION? ? OR UP()DAT??? OR
 UPDAT??? OR AMEND??? OR REVISION? ? OR RE()ARRANG??? OR SUBSTITUTE??? OR MANIPULAT??? OR
 VARIANCE? ?)

S6 107210 S2(8N)(GENERAT??? OR PRODUC????? OR PRINT??? OR CREAT???? OR ORIGINAT???
 OR CONSTRUCT????? OR DERIV??? OR DERIVATION? ? OR DEVELOP????? OR MAKE? ? OR MAKING? ?
 OR MADE? ? OR FORM??? OR COMPOS??? OR PREPAR???)

S7 908 S1 AND S2

S8 296 S7 AND S3

S9 132 S8 AND S4

S10 37 S9 AND S5

S11 379 S7 AND S6

S12 198 S11 AND S3

S13 109 S12 AND S4

S14 36 S13 AND S5

S15 724 (BATCH???) (3N) (FILE? ? OR PRINT??? OR PROCESS???) (3N) (EDIT??? OR CHANG???
 OR UPDAT??? OR REVIS???)

S16 35 S7 AND S15

S17 66 S10 OR S14 OR S16

S18 65 S17 NOT PY>2004

S19 62 RD (unique items)

Dialog eLink:

19/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2: INSPEC

(c) 2009 The IET. All rights reserved.

04865967

Title: Computers and accounting [Abacus II software review]

Author(s): Barth, C.

Journal: Management Accounting , vol.72 , no.8 , pp.16, 18

Country of Publication: USA

Publication Date: Feb. 1991

ISSN: 0025-1690

CODEN: MGACBD

Language: English

Subfile(s): D (Information Technology for Business); E (Mechanical & Production Engineering)

INSPEC Update Issue: 1991-010

Copyright: 1991, IEE

Abstract: ...files are updated instantly so users at different sites do not have to wait for **files** to be **batched** and **updated**. Unlike other comparable packages, which are sold module by module, the Abacus II basic package includes general ledger, accounts receivable and payable, payroll, **cash** journals, and **reporting** and graphing capabilities. A job estimating/costing module and an inventory/order entry module, both...

19/3,K/3 (Item 1 from file: 23)
DIALOG(R)File 23: CSA Technology Research Database
(c) 2009 CSA. All rights reserved.

0003420602 IP Accession No: 1841749
Fixed assets system for IBM mainframes.

Anon.
SOFTWARE WORLD. , v 19 , n 1 , p 11-12 , 1988
Publication Date: 1988

Document Type: Journal Article
Record Type: Abstract
Language: English
File Segment: Computer & Information Systems Abstracts

Abstract:
...of the most tedious operations for financial and company managers. Some packages can offer only **batch-processing** when managers often require to **update** and enquire on the system in real-time, especially towards financial year ends. Some packages... ..s FAS provides tax reporting, multiple book processing, lease reporting, current value reporting, foreign currency **reporting**, project **accounting**, maintenance and repair **reporting**, forecasting and simulation, all interfacing with Global's and others' General Ledger systems. It has... ..processing capabilities to reduce the manual effort involved in maintaining fixed asset records but offers **batch** inputs to **process** large amounts of data at convenient times that will not put an undue load on...

B. NPL Files, Full-text

File 20:Dialog Global Reporter 1997-2009/Jun 05
(c) 2009 Dialog
File 15:ABI/Inform(R) 1971-2009/Jun 04
(c) 2009 ProQuest Info&Learning
File 610:Business Wire 1999-2009/Jun 05
(c) 2009 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 613:PR Newswire 1999-2009/Jun 05
(c) 2009 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 634:San Jose Mercury Jun 1985-2009/Jun 04
(c) 2009 San Jose Mercury News
File 624:McGraw-Hill Publications 1985-2009/Jun 05
(c) 2009 McGraw-Hill Co. Inc
File 9:Business & Industry(R) Jul/1994-2009/Jun 04

Set	Items	Description
S1	31728	(BATCH???) (3N) (FILE? ? OR PRINT??? OR JOB OR PROCESS??? OR PROGRAM??? OR SYSTEM? ? OR TOTAL? ? OR COMMAND??? OR QUERIES OR QUERY??? OR PRIORIT??? OR SCHEDUL???)
S2	6490763	(ACCOUNT??? OR MONTH?? OR QUARTER?? OR FISCAL? ? OR FINANCIAL? ? OR 10K? ? OR 10Q? ? OR BUSINESS?? OR CASH OR INCOME? ? OR INVESTMENT? ? OR BILL??? OR CHARGE? ? OR PROFIT(2N)LOSS OR BALANCE? ? OR LEDGER? ? OR ANNUAL?? OR BUDGET? ? OR CREDIT? ? OR BANK???) (3N) (STATEMENT? ? OR REPORT??? OR HISTOR??? OR RECORD? ? OR TALLY OR TALLIES OR NOTATION? ? OR SUMMAR??? OR PAPER? ? OR DOCUMENT? OR INVOICE? ? OR REGIST???)
S3	2445052	(REPORT? ? OR TABLE? ? OR FILE? ? OR OUTPUT? ? OR STATEMENT? ? OR RECORD? ? OR DOCUMENT? OR CONTENT? ? OR LOGS OR LOG OR INFORMATION? OR DATA? ? OR DISCLOSURE? ? OR SUMMAR??? OR ACCOUNT???) (3N) (FORMAT??? OR STRUCTURE? ? OR SETUP? ? OR SET()UP? ? OR MODEL? ? OR FORM? ? OR ARRANGEMENT? ? OR STYLE? ? OR PATTERN? ? OR CONFIGURATION? ? OR DESIGN? ? OR APPEARANCE? ?)
S4	874836	S2(8N) (PROOF()READ??? OR UPDAT??? OR EDIT??? OR REVIEW??? OR EVALUAT??? OR EXAMIN??? OR EXAMINATION? ? OR COMPAR??? OR COMPARISON? ? OR ANALY??? OR VERIFY??? OR VERIFICATION? ? OR CORRECT???? OR INSPECT??? OR STUDY??? OR CHECK??? OR AUDIT??? OR SURVEY???)
S5	201501	S3(8N) (EDIT??? OR CHANG??? OR VARY??? OR ALTER??? OR ALTERATION? ? OR ARRANG? OR REPLAC??? OR REVIS??? OR MODIFY??? OR MODIFICATION? ? OR UP()DAT??? OR UPDAT??? OR AMEND??? OR REVISION? ? OR RE()ARRANG??? OR SUBSTITUTE??? OR MANIPULAT??? OR VARIANCE? ?)
S6	1681165	S2(8N) (GENERAT??? OR PRODUC????? OR PRINT??? OR CREAT????? OR ORIGINAT??? OR CONSTRUCT????? OR DERIV??? OR DERIVATION? ? OR DEVELOP????? OR MAKE? ? OR MAKING? ? OR MADE? ? OR FORM??? OR COMPOS??? OR PREPAR???)
S7	141	S1(5N)S2
S8	237	S1(10N)S2
S9	405	S1(20N)S2
S10	775	S1(50N)S2
S11	44	S10(5N)S3
S12	54	S10(10N)S3
S13	58	S10(15N)S3
S14	60	S10(20N)S3
S15	24	S14(20N)S4
S16	8	S9(20N)S5
S17	117	S9(20N)S6
S18	17	S17(20N)S3
S19	59	S11 OR S15 OR S16 OR S18
S20	35	S19 NOT PY>2004
S21	28	RD (unique items)

21/3,K/21 (Item 12 from file: 15)
DIALOG(R)File 15: ABI/Inform(R)
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00322939 86-23353
Olivetti Offers a System for the Busy Practice

Cole, Malcolm
Accountancy v97n1113 pp: 139-141
May 1986
ISSN: 0001-4664 **Journal Code:** ACE

Abstract:

...clients, and tasks for clients can be performed in succession. Although transactions are submitted as **batch** postings and **processed** by a real time system, postings are not easy to alter once a line is accepted. The **report generator prepares** client **accounts** and **creates** up to 26 **report** programs or **formats** for each client in addition to various system and letter formats for sole proprietorships and...

21/3,K/25 (Item 1 from file: 624)
DIALOG(R)File 624: McGraw-Hill Publications
(c) 2009 McGraw-Hill Co. Inc. All rights reserved.

0443272
Smartleaf Leafs Through Interleaf
Unix World, Vol. IX, No. 12, Pg 141
December, 1992
JOURNAL CODE: UNIX
SECTION HEADING: New Products: Database Software **ISSN:** 0739-5922
WORD COUNT: 198

TEXT:

Database Publishing Software has released Smartleaf **Batch Processor**, a **batch processing** version of Smartleaf that combines Interleaf publishing software with relational database storage-and-retrieval capabilities. Using the Smartleaf **Batch Processor**, users can automatically create Interleaf documents from information stored in databases.

Smartleaf **Batch Processor** is designed for high-volume applications, such as the generation of **reports**, **invoices**, and **financial statements**. It has a command-line interface and an application program interface (API) that allows users...

... and print Interleaf documents without starting an Interleaf process. Users can send multiple requests for **reports**, **forms**, and

other **documents** to the Smartleaf **Batch Processor** while continuing with other work.

Application programs can automatically generate requests as well. The Batch...

NPL Files, Full-text (Part II)

File 275:Gale Group Computer DB(TM) 1983-2009/May 08
(c) 2009 Gale/Cengage
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Apr 30
(c) 2009 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2009/May 14
(c) 2009 Gale/Cengage
File 16:Gale Group PROMT(R) 1990-2009/May 14
(c) 2009 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2009/May 21
(c) 2009 Gale/Cengage
File 625:American Banker Publications 1981-2008/Jun 26
(c) 2008 American Banker
File 268:Banking Info Source 1981-2009/May W5
(c) 2009 ProQuest Info&Learning
File 626:Bond Buyer Full Text 1981-2008/Jul 07
(c) 2008 Bond Buyer
File 267:Finance & Banking Newsletters 2008/Sep 29
(c) 2008 Dialog
File 608:MCT Information Svc. 1992-2009/Jun 05
(c) 2009 MCT Information Svc.
File 647:UBM Computer Fulltext 1988-2009/May W5
(c) 2009 UBM, LLC

Set	Items	Description
S1	59714	(BATCH???) (3N) (FILE? ? OR PRINT??? OR JOB OR PROCESS??? OR PROGRAM??? OR SYSTEM? ? OR TOTAL? ? OR COMMAND??? OR QUERIES OR QUERY??? OR PRIORIT??? OR SCHEDUL???)
S2	5549737	(ACCOUNT??? OR MONTH?? OR QUARTER?? OR FISCAL? ? OR FINANCIAL? ? OR 10K? ? OR 10Q? ? OR BUSINESS?? OR CASH OR INCOME? ? OR INVESTMENT? ? OR BILL??? OR CHARGE? ? OR PROFIT(2N)LOSS OR BALANCE? ? OR LEDGER? ? OR ANNUAL?? OR BUDGET? ? OR CREDIT? ? OR BANK???) (3N) (STATEMENT? ? OR REPORT??? OR HISTOR??? OR RECORD? ? OR TALLY OR TALLIES OR NOTATION? ? OR SUMMAR??? OR PAPER? ? OR DOCUMENT? OR INVOICE? ? OR REGIST???)
S3	2737301	(REPORT? ? OR TABLE? ? OR FILE? ? OR OUTPUT? ? OR STATEMENT? ? OR RECORD? ? OR DOCUMENT? OR CONTENT? ? OR LOGS OR LOG OR INFORMATION? OR DATA? ? OR DISCLOSURE? ? OR SUMMAR??? OR ACCOUNT???) (3N) (FORMAT??? OR STRUCTURE? ? OR SETUP? ? OR SET()UP? ? OR MODEL? ? OR FORM? ? OR ARRANGEMENT? ? OR STYLE? ? OR PATTERN? ? OR CONFIGURATION? ? OR DESIGN? ? OR APPEARANCE? ?)
S4	737707	S2(8N) (PROOF()READ??? OR UPDAT??? OR EDIT??? OR REVIEW??? OR EVALUAT??? OR EXAMIN??? OR EXAMINATION? ? OR COMPAR??? OR COMPARISON? ? OR ANALY??? OR VERIFY??? OR VERIFICATION? ? OR CORRECT???? OR INSPECT??? OR STUDY??? OR CHECK??? OR AUDIT??? OR SURVEY???)
S5	184634	S3(8N) (EDIT??? OR CHANG??? OR VARY??? OR ALTER??? OR ALTERATION? ? OR ARRANG? OR REPLAC??? OR REVIS??? OR MODIFY??? OR MODIFICATION? ? OR UP()DAT??? OR UPDAT??? OR AMEND??? OR REVISION? ? OR RE()ARRANG??? OR SUBSTITUTE??? OR MANIPULAT??? OR VARIANCE? ?)

S6 1759117 S2(8N)(GENERAT??? OR PRODUC????? OR PRINT??? OR CREAT???? OR ORIGINAT???
 OR CONSTRUCT????? OR DERIV??? OR DERIVATION? ? OR DEVELOP????? OR MAKE? ? OR MAKING? ?
 OR MADE? ? OR FORM??? OR COMPOS??? OR PREPAR???)

S7 268 S1(5N)S2
 S8 427 S1(10N)S2
 S9 21 S8(10N)S3
 S10 81 S8(10N)S4
 S11 1 S10(10N)S5
 S12 176 S8(10N)S6
 S13 24 S12(10N)S3
 S14 27 S9 OR S11 OR S13
 S15 2593 (BATCH???) (3N) (FILE? ? OR PRINT??? OR PROCESS???) (3N) (EDIT??? OR CHANG???
 OR UPDAT??? OR REVIS???)

S16 8 S15(10N)S7
 S17 35 S14 OR S16
 S18 25 S17 NOT PY>2004
 S19 17 RD (unique items)

V. Additional Resources Searched